



## MONTGOMERY COUNTY FIRE AND RESCUE SERVICE DRIVER/OPERATOR TRAINING PROGRAM

# Practical Application Guide Sheet

### Aerial Ladder –Metro Safety Control Unit

**Driver Performance Competency:** The driver candidate will demonstrate their proficiency as Safety Control Unit during a Metro Tunnel incident.

1. Given a specific prop (railcar, 4x4, etc....), discuss the responsibilities of the safety control unit as the 1<sup>st</sup> due truck on a Metro Tunnel incident. \_\_\_\_\_
2. Test the volt probe prior to its application \_\_\_\_\_
3. Simulate verification of third rail power utilizing the volt probe. \_\_\_\_\_
  - a. Kneel between the running rail and the third rail. \_\_\_\_\_
  - b. Extend the black prong from its storage port and separate the red prong from its storage port. \_\_\_\_\_
  - c. Place the volt probe in the crotch of the hand so the indicator is visible when detecting electricity. \_\_\_\_\_
  - d. Place the red prong in contact with the running rail. \_\_\_\_\_
  - e. Extend the black prong to the third rail. \_\_\_\_\_
  - f. When completed, perform functions in reverse for safety. \_\_\_\_\_
4. Simulate chocking of the train wheels on the opposite side of the third rail. \_\_\_\_\_
5. Discuss discharging the filter capacitor discharge switch. \_\_\_\_\_
6. Properly place the WSAD. \_\_\_\_\_
  - a. Operate the test switches on the unit to ensure that the horn and strobe are in working condition. \_\_\_\_\_
  - b. Place the device with its handle in the up position between the running rail and the third rail. \_\_\_\_\_

- c. Detach the white electrode paddle from the unit extending its wire fully. Attach it to the side of the running rail. Use the scraper on the back of the paddle as needed to make good contact. \_\_\_\_\_
  - d. Detach the red electrode paddle and extend the wire fully; connect it to the third rail. \_\_\_\_\_
  - e. Lay the WSAD down on its back with the strobe light in the up position to fully arm the device. \_\_\_\_\_
7. Discuss the proper notifications (IC, OCC). \_\_\_\_\_